



State of Vermont

**AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation**

Hazardous Materials Management Division

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July 6, 1994

Jeff Duffy
Barrows Coal Co.
35 Main Street
Brattleboro, VT 05301

RE: Petroleum contamination at Leader Beverage Corporation (Site #94-1623)

Dear Mr. Duffy:

The Sites Management Section (SMS) has received the May 18, 1994 report outlining the subsurface assessment for the above referenced site, conducted by Paul D.G. Miller of Environmental Services of America, Inc. This report summarizes the degree and extent of contamination encountered during the assessment on May 13, 1994. One 4,000 gallon underground storage tank (UST) owned by Barrows Coal Co. containing gasoline was removed. During the tank pull, soils screened in the tank basin had peak concentrations of 35 ppm as measured by a photoionization detector (PID). A total of nine cubic yards of petroleum contaminated soil was stockpiled and polyencapsulated onsite. Groundwater was encountered at approximately six feet below the ground surface. No petroleum sheens or free phase product was encountered throughout the excavation.

Based on the above information, the SMS has determined that additional work is necessary at the site in order to determine the severity of contamination present. Due to the possibility of contaminant impact to nearby potential receptors, the SMS is requesting that Barrows Coal Co. retain the services of a qualified environmental consultant to perform the following:

1. Further define the degree and extent of contamination to the soil. This may be accomplished by obtaining soil borings, digging test pits, or performing a soil gas survey.
2. Determine the degree and extent of contamination, if any, to groundwater. If soil is found to contain evidence of contamination at the water table, then a sufficient number of monitoring wells should be installed in locations which will adequately define the degree and extent of contamination at the site. All groundwater samples taken should be analyzed for BTEX and MTBE compounds.
3. Perform an assessment of the site to determine the potential for sensitive receptors to be impacted by the contamination. This should include basements of adjacent buildings, nearby surface water, and any public or private drinking water wells which are located within the vicinity of the site. If any water supplies appear at risk

from this contamination, they should be sampled and analyzed using EPA 8020.

4. Develop a plan to treat and/or monitor the stockpiled soils. The soils must be located in an area such that they have a low potential to impact nearby receptors. They must also be properly encapsulated in plastic. If the soils are to be moved offsite, then the SMS or UST Program must grant permission prior to their transport.
5. Determine the need for a long term treatment and/or monitoring plan which addresses the contamination present at the site. The need for such a plan should be based on the results of the above investigations.
6. Submit to the SMS a summary report which outlines the work performed as well as providing conclusions and recommendations. Included should be detailed well logs, analytical data, a site map, an area map, and a groundwater contour map.

Please have your consultant submit a preliminary work plan and cost estimate within fifteen days of your receipt of this letter so that it may be approved prior to the initiation of onsite work. Enclosed please find a list of consultants who perform this type of work in the area as well as the brochure "Selecting Your UST Cleanup Contractor", which will help you in choosing an environmental consultant.

The underground storage tanks at Leader Beverage Corporation are covered by the Petroleum Cleanup Fund as set forth in 10 V.S.A. Section 1941. The owner or permittee must pay for the removal or repair of the failed tank and for the first \$10,000 of the cleanup; after that the fund will reimburse the tank owner or permittee for additional cleanup costs up to \$1 million. Attached please find the document titled "Reimbursement Package for the Petroleum Cleanup Fund" which further explains this program. Additionally, the Secretary of the Agency of Natural Resources reserves the right to seek cost recovery of fund monies spent at the Leader Beverage Corporation site if the Secretary concludes that Barrows Coal Co. was in significant violation of the Vermont Underground Storage Tank statutes (10 V.S.A., Chapter 59). If you have any questions, please feel free to call.

Sincerely,

Richard Spence
for Chuck Schwer, Supervisor
Sites Management Section

cc: Paul D.G. Miller, Environmental Services of America, Inc.
Brattleboro Selectboard
DEC Regional Office

jasonf/wp/941623